PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, South Carolina 29403-5107
and the

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT
1362 McMillan Avenue, Suite 400
Charleston, South Carolina 29405

REGULATORY DIVISION

Refer to: P/N #SAC-2006-3448-2IG

8 DECEMBER 2006

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.) an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

ISLE OF PALMS NORTH BEACH OWNERS LLC C/O APPLIED TECHNOLOGY AND MANAGEMENT 360 CONCORD STREET, SUITE 300 CHARLESTON, SOUTH CAROLINA 29401

for a permit to perform excavation and place fill material for beach renourishment and dune restoration along the shoreline of the

ATLANTIC OCEAN

at a location, along the northern end of the Isle of Palms, Charleston County, South Carolina. (Latitude 32°48'35" – Longitude 79°43'22")

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

12 O'CLOCK NOON, MONDAY, JANUARY 8, 2007

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of shoreline restoration by placing approximately 180,000 cubic yards (+/- 15%) of sediments by mechanical means along approximately 3,500 feet of the shoreline of the Atlantic Ocean at the northern end of the Isle of Palms. Restoration will include beach nourishment by mechanical means and dune restoration of severely eroded sections of the shoreline. Sediments used for nourishing the shoreline will be obtained from the recently formed Cedar Creek spit. The total volume of excavated sediments will not exceed 180,000 cubic yards (+/- 15%). Potential mechanical methods for scraping, transport, and nourishing the beach will include scrapers, bulldozers, dump trucks, loaders, backhoes, and similar construction equipment. Dune restoration activities will include the installation of sand fencing, coastal grasses, and dune vegetation per acceptable State guidelines in areas of restored beach segments wherever these features can be sustained. The purpose of the proposed work is to restore severely eroded sections of the Isle of Palms shoreline.

Refer to: P/N #SAC-2006-3448-2IG

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

U.S. Army Corps of Engineers ATTN: REGULATORY DIVISION 69A Hagood Avenue Charleston, South Carolina 29403-5107

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact approximately 40 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has made no determination of effect on any Federally endangered, threatened, or proposed species. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any Federally listed or proposed to be listed endangered or threatened species and/or designated or proposed critical habitat may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended).

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

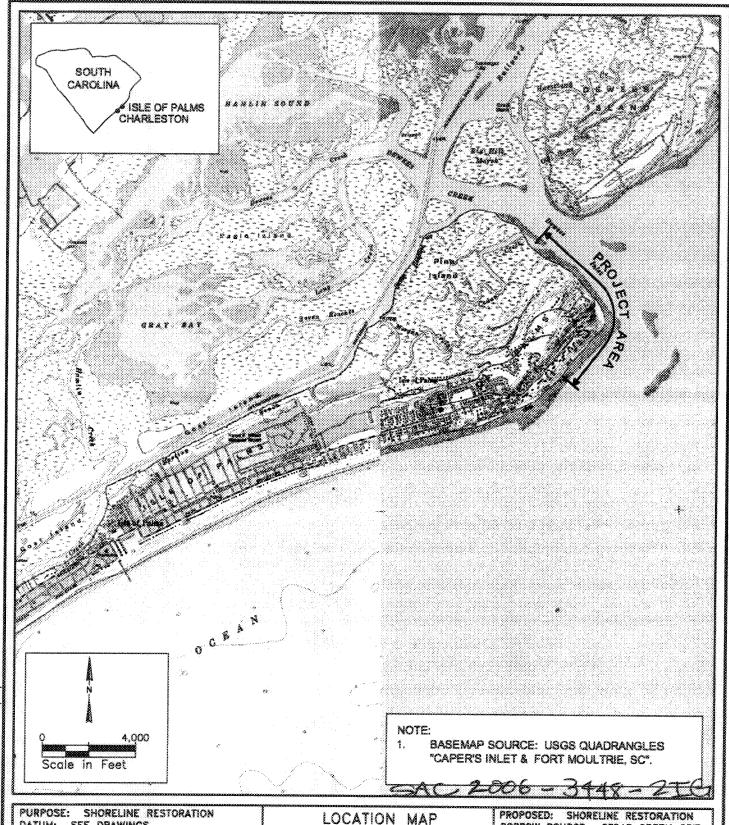
In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. To insure that other cultural resources that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

If there are any questions concerning this public notice, please contact Mary Hope Glenn at 843-329-8044 or toll free at 1-866-329-8187.



DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE # ADJACENT PROPERTY OWNERS: SEE ATTACHMENT C

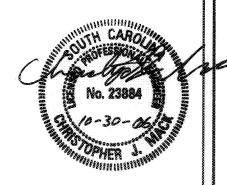
10/30/06

ISLE OF PALMS NORTH BEACH SHORELINE RESTORATION PROJECT

BORROW SOURCE: CEDAR CREEK SPIT IN: ATLANTIC OCEAN AT: ISLE OF PALMS COUNTY OF: CHARLESTON STATE: SOUTH CAROLINA

REVISED 11/29/06

SHEET I OT



SAC 2006 - 3448 - ZIG

PURPOSE: SHORELINE RESTORATION DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE #

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT C

10/30/06

OCRM MONUMENT LOCATIONS

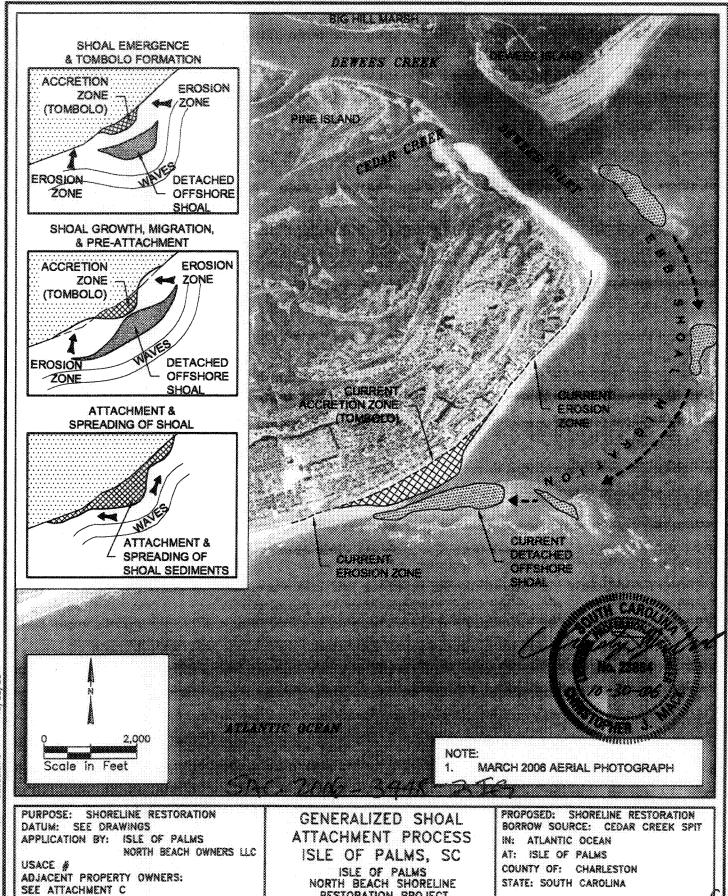
ISLE OF PALMS NORTH BEACH SHORELINE RESTORATION PROJECT

PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT

IN: ATLANTIC OCEAN

AT: ISLE OF PALMS COUNTY OF: CHARLESTON STATE: SOUTH CAROLINA

SHEET 2 OT



RESTORATION PROJECT

10/30/06

SHEET 3 OT



10/3

BO1-103006.DWG

PURPOSE: SHORELINE RESTORATION DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE # ADJACENT PROPERTY OWNERS:

SEE ATTACHMENT C 10/30/06 APPROXIMATE LOCATION OF SHOAL ATTACHMENTS, 1941-PRESENT WILD DUNES, IOP, SC

ISLE OF PALMS
NORTH BEACH SHORELINE
RESTORATION PROJECT

PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT

IN: ATLANTIC OCEAN
AT: ISLE OF PALMS
COUNTY OF: CHARLESTON
STATE: SOUTH CAROLINA

SHEET 4 0

10/30/06

BO1 -- 103006.DWG

PURPOSE: SHORELINE RESTORATION DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE # ADJACENT PROPERTY OWNERS: SEE ATTACHMENT C

10/30/06

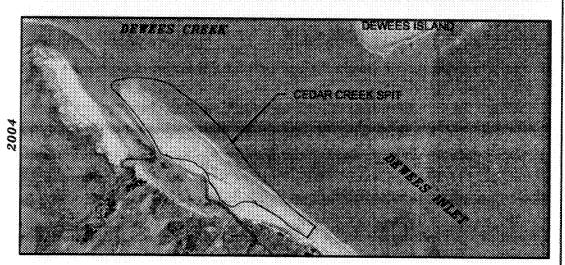
BORROW AREA "CEDAR CREEK SPIT"

ISLE OF PALMS
NORTH BEACH SHORELINE
RESTORATION PROJECT

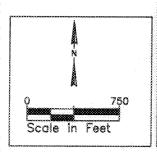
PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT IN: ATLANTIC OCEAN

AT: ISLE OF PALMS
COUNTY OF: CHARLESTON
STATE: SOUTH CAROLINA

SHEET 5 OF







PURPOSE: SHORELINE RESTORATION

DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE #

ADJACENT PROPERTY OWNERS:

SEE ATTACHMENT C 10/30/06 "CEDAR CREEK SPIT DEVELOPMENT"

ISLE OF PALMS
NORTH BEACH SHORELINE
RESTORATION PROJECT

PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT

IN: ATLANTIC OCEAN AT: ISLE OF PALMS

COUNTY OF: CHARLESTON

STATE: SOUTH CAROLINA

SHEET & O

18

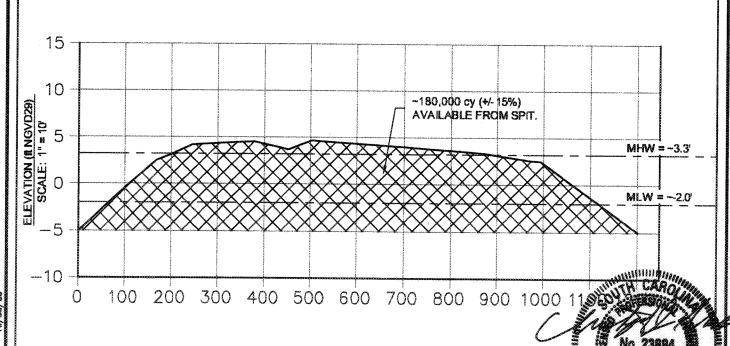
10/30/06

BO1-103006.DWG



EXISTING PROFILE

XXXXXXXXX VARIABLE SCRAPE ZONE



PURPOSE: SHORELINE RESTORATION DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE # ADJACENT PROPERTY OWNERS: SEE ATTACHMENT C 10/30/06 TYPICAL CUT SECTION "A" CEDAR CREEK SPIT

SAC 2006-3

DISTANCE (ft)

SCALE: 1" = 200

ISLE OF PALMS
NORTH BEACH SHORELINE
RESTORATION PROJECT

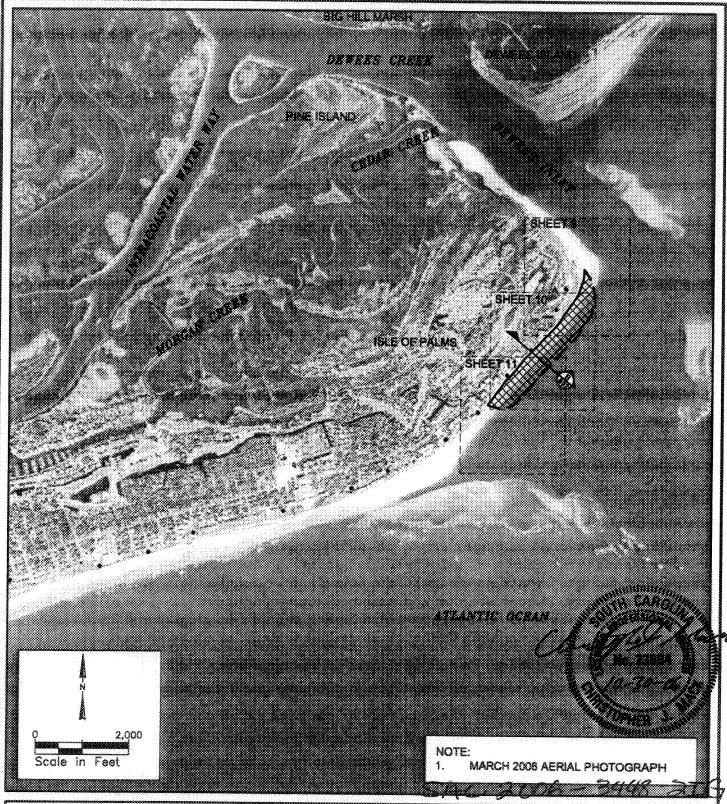
PROPOSED: SHORELINE RESTORATION
BORROW SOURCE: CEDAR CREEK SPIT
IN: ATLANTIC OCEAN
AT: ISLE OF PALMS
COUNTY OF: CHARLESTON

STATE: SOUTH CAROLINA

SHEET 7 E

10/30/08

801-103006.DWG



PURPOSE: SHORELINE RESTORATION DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE # ADJACENT PROPERTY OWNERS: SEE ATTACHMENT C 10/30/06

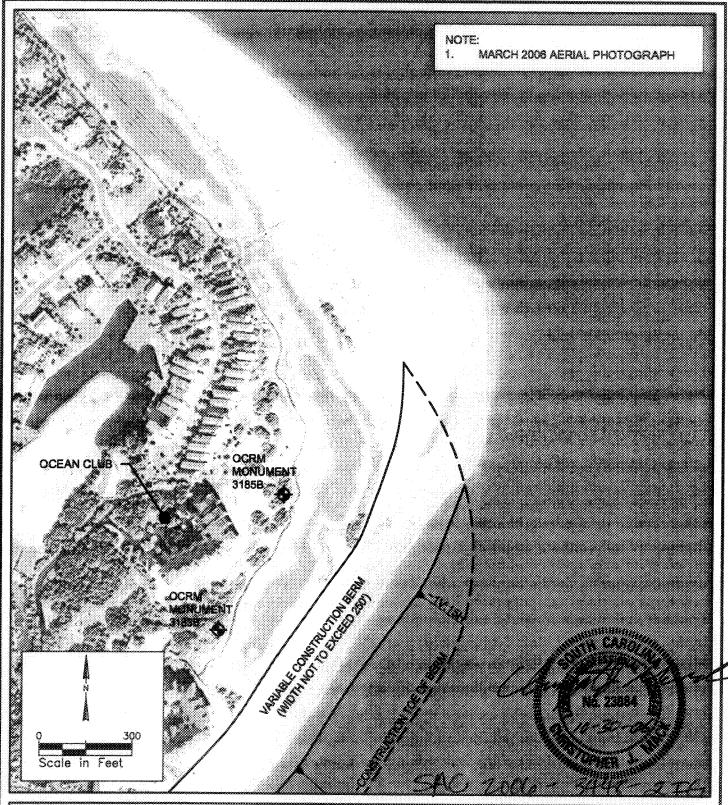
KEY NOURISHMENT AREA

ISLE OF PALMS NORTH BEACH SHORELINE RESTORATION PROJECT

PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT

IN: ATLANTIC OCEAN AT: ISLE OF PALMS COUNTY OF: CHARLESTON STATE: SOUTH CAROLINA

SHEET 8 0



PURPOSE: SHORELINE RESTORATION

DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE # ADJACENT PROPERTY OWNERS: SEE ATTACHMENT C

10/30/06

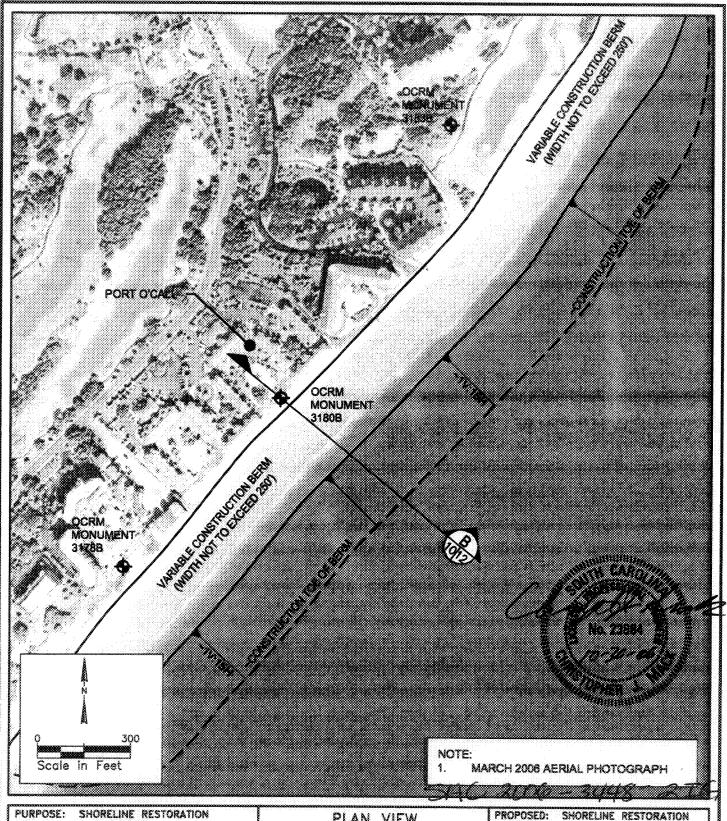
PLAN VIEW NOURISHMENT AREA "OCEAN CLUB"

ISLE OF PALMS
NORTH BEACH SHORELINE
RESTORATION PROJECT

PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT IN: ATLANTIC OCEAN

AT: ISLE OF PALMS COUNTY OF: CHARLESTON STATE: SOUTH CAROLINA





90/02/01

DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE # ADJACENT PROPERTY OWNERS:

SEE ATTACHMENT C 10/30/06

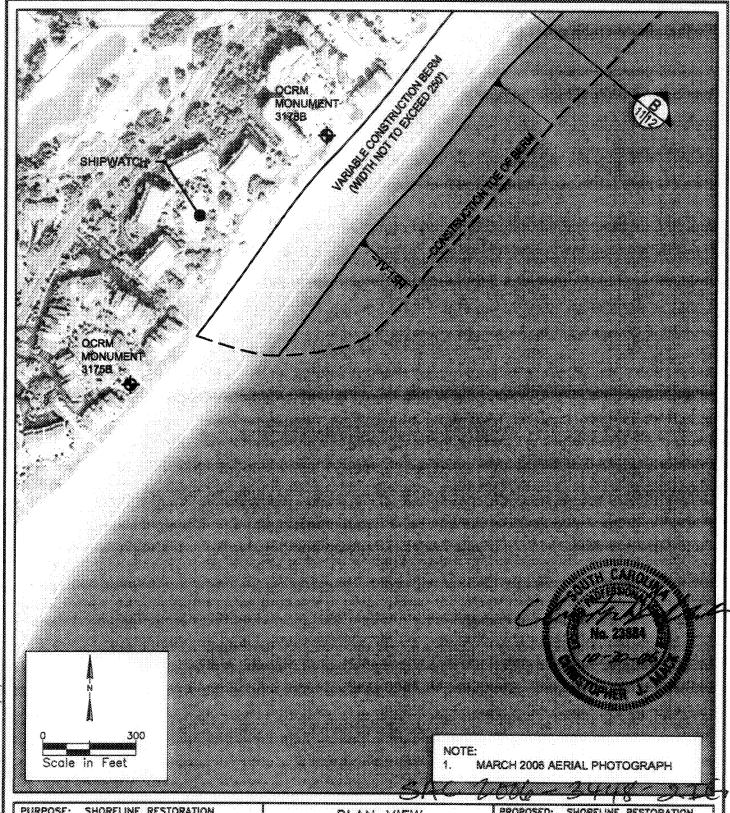
PLAN VIEW NOURISHMENT AREA "PORT O'CALL"

ISLE OF PALMS
NORTH BEACH SHORELINE
RESTORATION PROJECT

BORROW SOURCE: CEDAR CREEK SPIT IN: ATLANTIC OCEAN

AT: ISLE OF PALMS

COUNTY OF: CHARLESTON STATE: SOUTH CAROLINA



10/30/06

BO1-103006.DWG

PURPOSE: SHORELINE RESTORATION DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

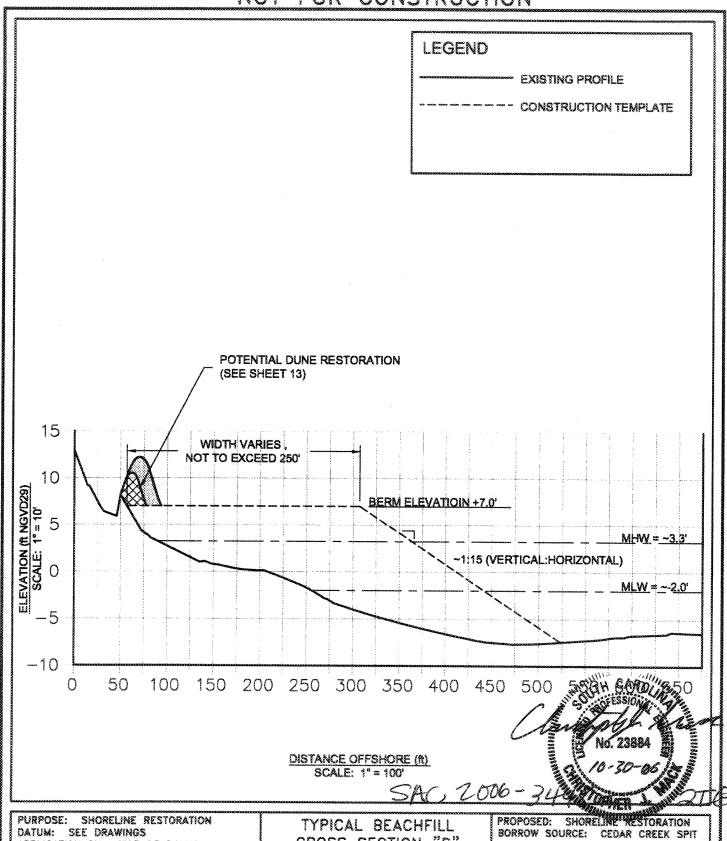
USACE # ADJACENT PROPERTY OWNERS:

SEE ATTACHMENT C 10/30/06 PLAN VIEW
NOURISHMENT AREA
"SHIPWATCH"

ISLE OF PALMS NORTH BEACH SHORELINE RESTORATION PROJECT PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT

IN: ATLANTIC OCEAN
AT: ISLE OF PALMS
COUNTY OF: CHARLESTON
STATE: SOUTH CAROLINA





BD1 - 103006.0WG

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE # ADJACENT PROPERTY OWNERS: SEE ATTACHMENT C

10/30/06

CROSS SECTION "B" STATION 3180

ISLE OF PALMS NORTH BEACH SHORELINE RESTORATION PROJECT

IN: ATLANTIC OCEAN AT: ISLE OF PALMS

COUNTY OF: CHARLESTON STATE: SOUTH CAROLINA



 DUNE WILL BE COMPRISED OF BEACH QUALITY SANDS

NORTH BEACH OWNERS LLC

PURPOSE: SHORELINE RESTORATION

APPLICATION BY: ISLE OF PALMS

ADJACENT PROPERTY OWNERS:

DATUM: SEE DRAWINGS

SEE ATTACHMENT C

USACE #

10/30/06

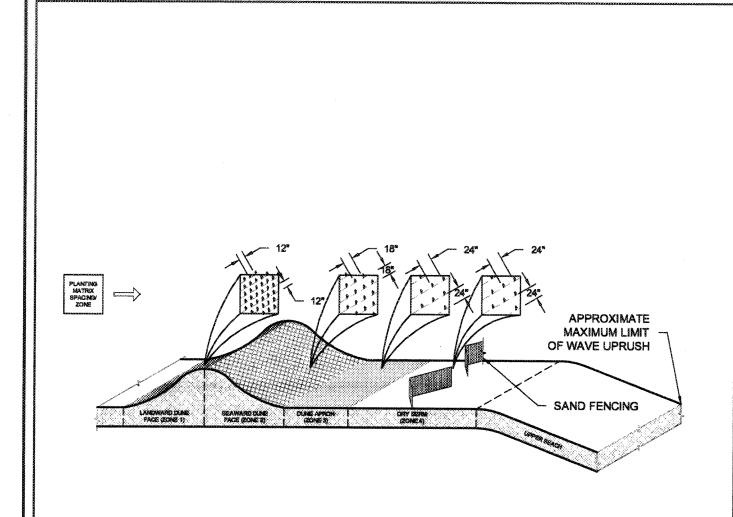
TYPICAL RESTORED DUNE CROSS—SECTION

SAC 2006 - 344

ISLE OF PALMS NORTH BEACH SHORELINE RESTORATION PROJECT PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT IN: ATLANTIC OCEAN

 $a_{ijimmmm}$

AT: ISLE OF PALMS
COUNTY OF: CHARLESTON
STATE: SOUTH CAROLINA



TYPICAL DUNE PLANTING MATRIX SCALE: NOT TO SCALE



NOTES:

 SEE "PLANTING MATRIX DETAIL" FOR ROW SPACING AND PLANTING DIVERSITY.

PURPOSE: SHORELINE RESTORATION
DATUM: SEE DRAWINGS
APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC
USACE #
ADJACENT PROPERTY OWNERS:
SEE ATTACHMENT C
10/30/06

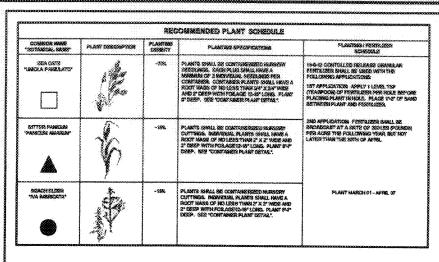
TYPICAL DUNE PLANTING MATRIX DUNE RESTORATION VEGETATION

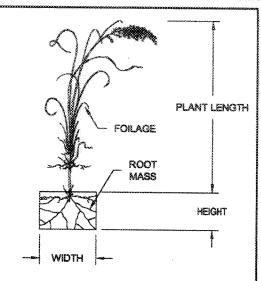
ISLE OF PALMS
NORTH BEACH SHORELINE
RESTORATION PROJECT

PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT IN: ATLANTIC OCEAN

AT: ISLE OF PALMS COUNTY OF: CHARLESTON STATE: SOUTH CAROLINA

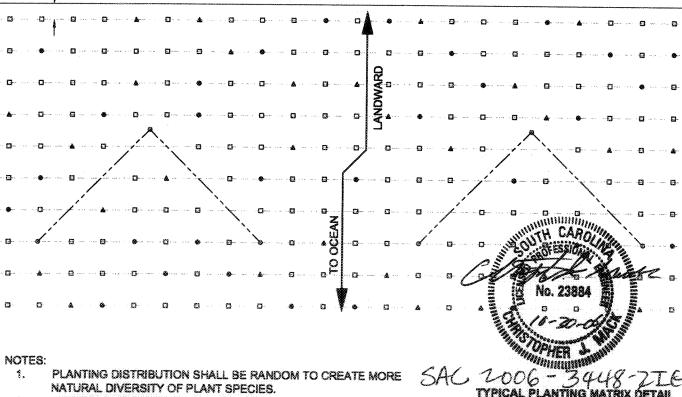






CONTAINER PLANT DETAIL SCALE: NOT TO SCALE

1' MINIMUM SPACE FROM EXISTING VEGETATION OR STRUCTURE



PLANTING DISTRIBUTION SHALL BE RANDOM TO CREATE MORE 1. NATURAL DIVERSITY OF PLANT SPECIES.

2. SEE "RECOMMENDED PLANT SCHEDULE" FOR PLANTING DENSITY.

SAND FENCING SHOWN FOR DRY BERM REGION (ZONE 4) ONLY.

3448 2006 TYPICAL PLANTING (ZONES 1-4)

SCALE: NOT TO SCALE

SHORELINE RESTORATION PURPOSE:

DATUM: SEE DRAWINGS

APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC

USACE #

ADJACENT PROPERTY OWNERS:

SEE ATTACHMENT C 10/30/06

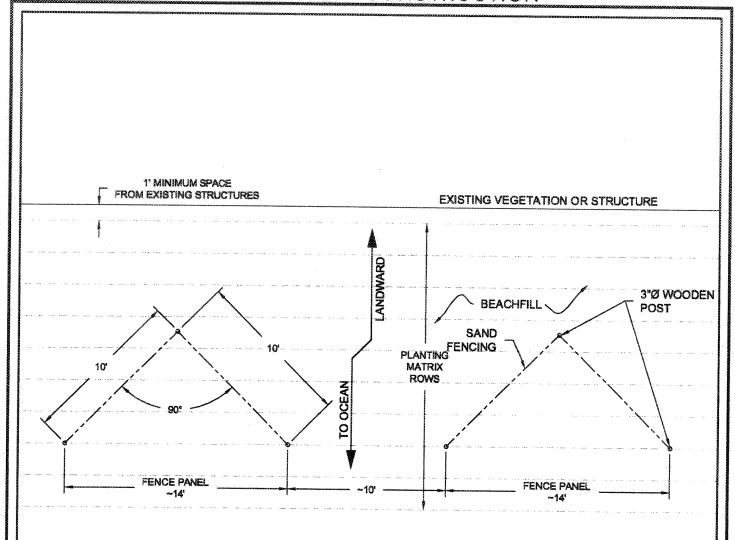
DUNE RESTORATION VEGETATION SCHEDULES & DETAILS

ISLE OF PALMS NORTH BEACH SHORELINE RESTORATION PROJECT

PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT IN: ATLANTIC OCEAN

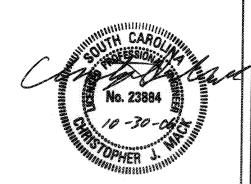
AT: ISLE OF PALMS COUNTY OF: CHARLESTON STATE: SOUTH CAROLINA





NOTES:

- 1. PLANTS NOT SHOWN FOR CLARITY.
- SAND FENCING / VEGETATION TO BE PLACED ABOVE THE MAXIMUM LIMIT OF WAVE UPRUSH AND SEAWARD OF EXISTING DUNES OR STRUCTURES.
- SAND FENCING / VEGETATION NOT TO BE PLACED IN FRONT OF EMERGENCY OR PUBLIC ACCESS POINTS.



TYPICAL SAND FENCING DETAIL

PURPOSE: SHORELINE RESTORATION DATUM: SEE DRAWINGS APPLICATION BY: ISLE OF PALMS

NORTH BEACH OWNERS LLC USACE #

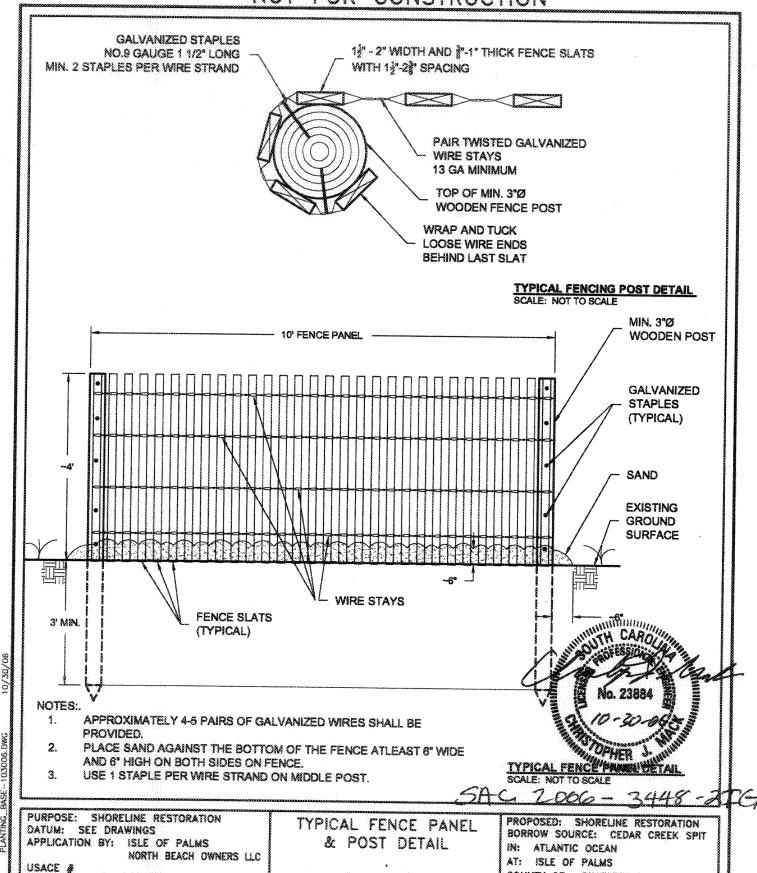
ADJACENT PROPERTY OWNERS: SEE ATTACHMENT C 10/30/06 TYPICAL SAND FENCING DETAIL

ISLE OF PALMS
NORTH BEACH SHORELINE
RESTORATION PROJECT

PROPOSED: SHORELINE RESTORATION BORROW SOURCE: CEDAR CREEK SPIT IN: ATLANTIC OCEAN

AT: ISLE OF PALMS COUNTY OF: CHARLESTON STATE: SOUTH CAROLINA





ISLE OF PALMS NORTH BEACH SHORELINE

RESTORATION PROJECT

ADJACENT PROPERTY OWNERS:

SEE ATTACHMENT C

10/30/06

COUNTY OF: CHARLESTON

SHEET 17

STATE: SOUTH CAROLINA